

285

BOOK 285

F I E L D N O T E S

OF THE SURVEY OF THE

SUBDIVISION LINES

OF B O O K 285

Township 18 North, Range 21 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Henry Meyrick, Jr., D.S, under
Contract dated July 26, 1882.
Survey commenced December 14, 1882.
Survey completed December 16, 1882.

285

INDEX DIAGRAM.

Township 18 North

Range 21 East

BOOK 285

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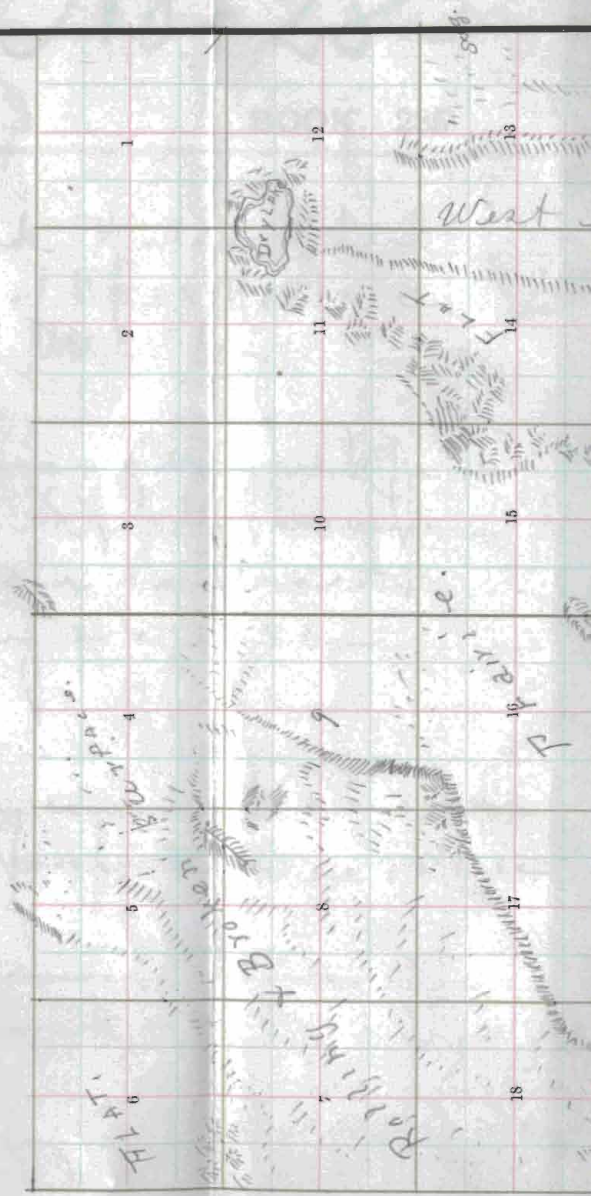
Gila and Salt River, Arizona.

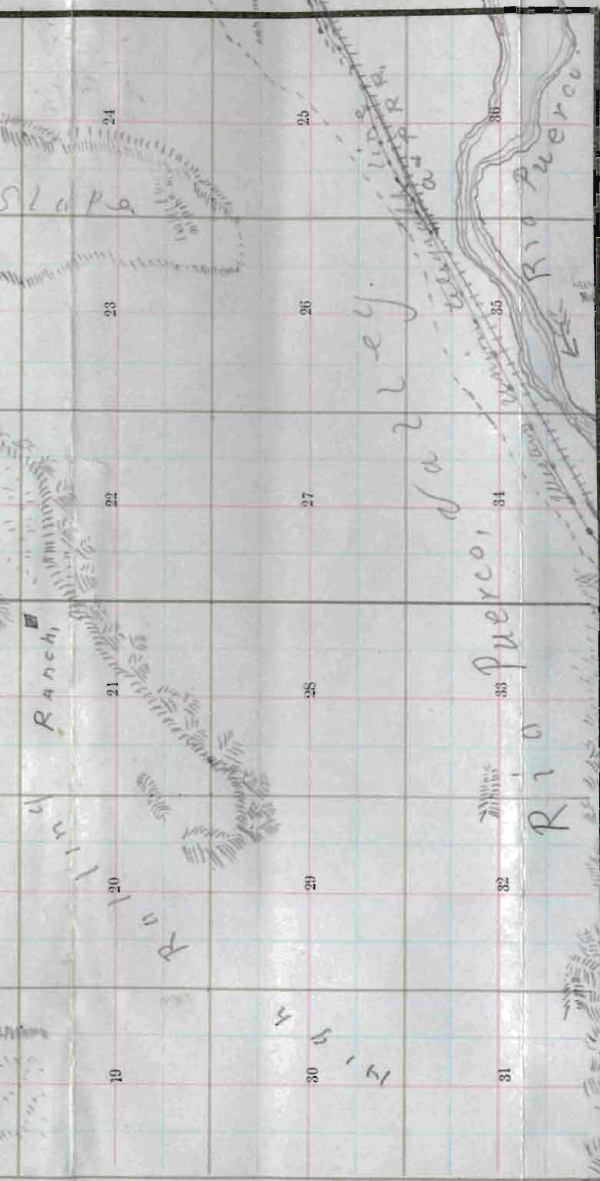
ARIZONA.

Edward Denny & Co., Stationers and Printers, Drawing Material, Etc. 315 Sac'to. St., S. F.

Township No. 18 N Range No. 21 E *Sierra Sabina* Meridian.

BOOK 285





BOOK 285

TOWNSHIP PLOT.

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

1A
No-285-

BOOK 285

Field Notes of the
Survey of Sp 1 & 2, R 21 E
S & S. R. M. by -

Henry Meyrick Jr
Dfply Surveyor
under contract
July 24-1882 -

Survey commenced Dec 14-1882
Survey completed Dec 16-1882

For Preliminary Notes -
See Book No I

Sp 18 N. R 21 E
S. S. R. W.

Chs-

In making this survey I used a Burt's Patent improved solar compass nearly new and in first rate order - made by Otto Fennel of Bassell Germany in 1857 -

The instrument was adjusted by an instrument which was tested on the true Meridian at Tucson in May 1882 -

It was also carefully tested by reversing

From the Co. to
Secs 1-2-35-36 on S -

By of Sp. recently re-established by me - I
now started bet -

D. & N. R. 21 E

Chs

line bet. Secs 25 & 36

T_{1401'E}

Over valley land

17.25

Cross W. W. T_{1401'E} - line
bet N. 62° E. & S 62° W.

18.26

Cross Atlantic &

Pacific Ry - line -

N 62° E & S 62° W.

40.00

Set a temporary
1/4 Sec Cor.

80.76

Intersect. E. Ry of
Sp - 13 lbs S of Cor
to Secs - 25 - 30 - 31 & 36 -recently established
by me. (Thence Iron

S 89° 05' 41" W on a true

line bet. Secs 25 & 36 -

with same T_{1401'E} -

40.38

Set a sand stone

D 1 & N. R 21 E

Obs.

14 x 7 x 7 ins 9 ins in
 the ground for $\frac{1}{4}$ sec
 Cor. marked $\frac{1}{4}$ on N
 face, Dug pits 18 x 18
 x 12 ins E & W of
 stone 5 $\frac{1}{2}$ ft. dist.
 I raised a mound
 of earth 1 $\frac{1}{2}$ ft. high
 3 $\frac{1}{2}$ ft. base alongside.

80.76 The Cor. to Secs -

25-26-35+36-

Surface rolling
 Soil @ rate

Good grazing

North bet. Secs -

25+26

Val 407.2

T. 18 N. R. 21 E.

Obs.

- Over valley land -
- 3,00 Cross wagon road
 hrs N 50° E -
- 40,00 Set a sand stone
 16 x 12 x 10 ins 11 ins
 in the ground for
 1/4 Sec Cor. marked
 1/4 on W. face Dig
 pits 18 x 18 x 12 ins N
 & S of stone 5 1/2 ft -
 dist. & raised a
 mound of earth
 1 1/2 ft. high 3 1/2 ft -
 base along side
- 80,00 Set a sand stone
 20 x 10 x 8 ins 14 ins
 in the ground for
 Cor. to Sec 23-24 -
 25 & 26 - marked

T. 18 N. R. 21 E

Obs-

with 2 notches on
 S & 1 notch on E edges -
 Dug pits 18 x 18 x 12 in
 in back Sec 5 1/2 fl -
 dist, & raised a mound
 of earth 2 ft. high,
 4 1/2 ft. base along side
 surface rolling
 Soil 3 @ rate ✓
 Good grazing

East on a random
 line bet. Secs 24 & 25 -
 Va 1401' E -

Over rolling valley

5-25- Top of low spur
 bet N. E & S. W -

40.00 Sit a temporary 1/4
 Sec Cor.

T. & N. R. 2 & E

Obs-

80.40 Intersect E Bay
of Sp-9 lks S of foot
to Sues, 9-24-25 & 30
recently established
by me. Hence I run
S & 90.5-6' W on a true
line bet. Sues 24 & 25 -
with same Va -

40.20 Set a sand stone
16 x 8 x 4 ins 11 ins in
the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on
N. face. Dig pits
18 x 18 x 12 ins E & W
of stone 5 $\frac{1}{2}$ ft. dist.
& raised a mound
of earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base along side

80.40 Del. Cor. to Sues -

T. & N. R. 2, E

Chs-

23-24-25-26-

Surface rolling
 Soil 3^d rated
 Good grazing

North bet. Secs.

23 & 24 -

T. 1401' E

Over rolling valley
 with gradual ascent

19.20 Top of low spur hrs
 N. E. W. W & descend

40.00 Set a sand stone 14x8
 x 5 ins 8 ins in the
 ground for $\frac{1}{4}$ Sec Cor.
 marked $\frac{1}{4}$ on W face
 Dig pits 18x18x12 ins
 N & S of stone 5- $\frac{1}{2}$ ft.
 dist. & raised a

T. & N. R. 21 E

Obs-

mound of earth $1\frac{1}{2}$
ft. high $3\frac{1}{2}$ ft. base
alongside -

8000

lot of sand stone
 $20 \times 10 \times 4$ ins 15 ins
in the ground for
Cor. to Sec. $13 \times 14 - 23$

+ 24 marked with
3 notches on S & 1
notch on E edges - Dug
pits $18 \times 18 \times 12$ ins in
each. Sec $5\frac{1}{2}$ ft. dist.
I raised a mound of
earth 2 ft. high
 $4\frac{1}{2}$ ft. base alongside
surface rolling
Soil 3^d rated
Good grassing

T. & N. R 21 E

Obs-

East on a random
line bet. Secs 13 & 24

to 1401' E.

Ascend over open
prairie -

38,00 Top of hill bet.

N. E. & S.W. & over
high prairie -

40,00 Set a temporary $\frac{1}{4}$
Sec Cor.

80,52 Intersect E. Bay of
Sp 9 lbs S of Cofld
Secs - 13 - 18 - 19 + 24 -

recently established
by me - Thence run

S 89° 5-6' W on a true
line bet. Secs 13 + 24

with same to -

40,26 Set a sand stone 14
x 12 x 10 ins & ins

S. & N. R. & E

Obs -

in the ground for
 $\frac{1}{4}$ Sec for, marked
 $\frac{1}{4}$ on N. face, Dug
 pits 18x18x12 in
 E & W of stone $5\frac{1}{2}$
 ft. dist. & raised a
 mound of earth $1\frac{1}{2}$
 ft. high, $3\frac{1}{2}$ ft. base
 along side

80-52

The Cor. to Secs 13-14-
 23 + 24

Surface rolling
 Soil 3rd rate
 Good grazing

North h. Secs

13 + 14 -

7a 140112

T 18 N. R 21 E

Obs-

Over flat surface -
 40.00 Set a sand stone
 15 x 10 x 7 ins 10 ins in
 the ground for $\frac{1}{4}$ sec
 Corf marked $\frac{1}{4}$ on W
 face Dug pits 18 x 18 x 12
 ins N + S of stone 5 $\frac{1}{2}$
 ft. dia. & raised a
 mound of earth 1 $\frac{1}{2}$
 ft. high 3 $\frac{1}{2}$ ft. base
 along side

80.00 Set a sand stone
 20 x 10 x 8 ins 16 ins
 in the ground for
 Cor. to fies 11-12-13
 & 14 - marked with
 4 notches on S & 1 notch
 on E edges - Dug pits
 18 x 18 x 12 ins in each

T. 18 N. R. 2. E

Obs-

Sec 5 1/2 ft. dist. -
 raised a mound of
 earth. 2 ft. high 4 1/2
 ft. base along side
 surface rolling
 soil 30 rate
 Good grazing

East on a random
 line bet. Secs 12 & 13
 to 14 0 1' E

Over flat surface
 34.00 Cross low ridge
 bet N & S -
 40.00 Set a temporary
 1/4 Sec Cor.
 80.64 Intersect E By
 of Sp- 4. lbs Sof

S. & N. R. 21 E

Obs -

Cor. to Secs 7-12-13 &
18 - recently established
by me. There is a
line bet. Secs 12 & 13 -
with same Va.

40,32 Seta sand stone
13 x 12 x 10 ins & ins
in the ground for
1/4 Sec Cor. marked
1/4 on N. face Dig
pits 18 x 18 x 12 ins
E & W of stone 5 1/2
ft. dist. & raised a
mound of earth 1 1/2
ft. high 3 1/2 ft. base
along side

80,64 The Cor. to Secs -
11-12-13 & 14

T. & N. R. 2. E

Obs-

Surface rolling
Soil 3^d rate ✓
Fair grazing

North bet. Secs-

11 & 12 -

to 1401' E -

40.00

Over prairie country
Set a sand stone ✓
13 x 10 x 8 ins & ins
in the ground for
1/4 Sec 100, marked
1/4 on W face. Dug
pits 18 x 18 x 12 ins
N & S of stone 5 1/2
ft. dia. & raised a
mound of earth
1/2 ft. high 8 1/2 ft

S. & N. R. 2, E

Chs-

- base alongside -
- 45-50 Top of hill 75 ft.
high hrs E & W + descend
- 48,00 Enter dry lake bed -
hrs E & W -
- 78,00 Leave dry lake -
- 80,00 Hit a piece of petrified
wood 16 x 6 x 6 ins
11 ins in the ground
for Cor. to Sec 1-2-
11 & 12 - marked with
5 notches on S & 1
notch on E edges -
Dug pits 18 x 18 x 12
ins in each Sec -
5 1/2 ft. disk, & raised
a mound of earth
2 ft. high 4 1/2 ft. -
base alongside

T. & N. R. 2, 1, E

Chs-

Surface rolling
 both 3 @ rate ✓
 Fair grazing
 ————— ✓

East on a random
 line bet. Secs 1 & 12 -

Over ^{7000' 14° 1' E} prairie land -

40,000 Sit a temporary 1/4
 Sec Cor.

80,834 Intersect E By
 of - Dip - 4 lbs N of Cor -
 to Secs 1 - 6 - 7 + 12
 recently established
 by me - Distance
 from -

N 89° 58' W on a
 true line bet. Secs
 1 & 12 with same va

T 1 & N. R 21 E

Obs-

40,17 Sit a sand stone 12x10
 x 8 mis 8 mis in the
 ground for 1/4 Sec Cor,
 marked from N. face.
 Dig pits 18x18x12
 mis E & W of stone
 5 1/2 ft. dia. & raised
 a mound of earth
 1 1/2 ft. high 3 1/2 ft.
 base along side

80,34 The Cor. of Secs
 1-2-11 & 12

Surface rolling
 Soil 3d rate
 Good grazing

North on a random
 line bet. Secs 1 & 2 -
 to 140 1 1/2 E

T, 8 N, R 2, E

Obs -

- 40,00 One prairie -
 Sit a temporary $\frac{1}{4}$
 Sec Cor.
- 80,09 Intersect N. By of
 Sp - 75-lbs Wolf
 Cor. to Secs 1-2-3 &
 36 - recently established
 by me - Thence run
 S 2° W on a true line
 bet. Secs - 1 & 2 - with
 same Va -
- 40,09 Sit a sand stone
 $10 \times 10 \times 8$ ins 6 ins
 in the ground for
 $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on W face, Dug
 pits $18 \times 18 \times 12$ ins
 N + S of stone $5\frac{1}{2}$
 ft. dist. & raised

T. 18 N. R. 21 E

Chs.

a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 along side

80.09

The Cor. to Secs - 1-2-11
 + 12

Surface rolling
 Soil 3^d rate
 Good grazing

I carefully examined
 the adjustments of my
 solar compass to-
 day - particularly the
 latitude and reversing
 apparatus and found
 them correct.

Dec 14-1882

T. 18 N., R. 21 E

Obs

From the Cor. to
 Secs 2-3-34 & 35 on
 S. By of Sp. recently
 re-established by me -
 I run North bet-
 Secs 34 & 35.

va 1401' E

- 2.30 Over valley land
 Cross Rio Puerco
 River 12 chs wide course S.W
- 17.10 Cross A. & P. railroad
 bars S 62° W-
- 48.12 Cross W. W. Tel.
 line bars S 62° W-
- 40.00 Set a sand stone
 14 x 9 x 3 ins 8 ins in
 the ground for 1/4 Sec
 Cor. marked 1/4 on W
 face, D reg. pits 18

T. 18 N. R. 21 E

Obs-

$\times 18 \times 12$ ins $\text{N} + \text{S}$ of stone
 $5\frac{1}{2}$ ft. disk & raised,
 a mound of earth
 $1\frac{1}{2}$ ft. high $8\frac{1}{2}$ ft. base
 alongside -

42,200 Cross wagon road
 hrs $\text{N} 40^\circ \text{E}$ & $\text{S} 40^\circ \text{W}$ -

80,000 Set a sand stone
 $12 \times 10 \times 4$ ins 8 ins
 in the ground for
 Cor. to Sigs 26-27 3.4 +
 35 marked with 1
 notch on S & 2 notches
 on E edges - Dig pits
 $18 \times 18 \times 12$ ins in each
 See $5\frac{1}{2}$ ft. disk & raised
 a mound of earth
 2 ft. high $4\frac{1}{2}$ ft. base
 alongside -

Surface rolling

S 18 N, R 21 E

Obs-

Soil 1st rate
 Good grazing

East on a random
 line bet. Secs 26 + 35 -
 Va 1401' E

Over valley land -

40,00 Set a temporary $\frac{1}{4}$
 Sec Cor.

79,50 Cross wagon road
 hrs N 50° E + S 50° W -

80,58 Intersect N + S line
 6 lbs N of Cor. to Secs -
 25 - 26 - 35 + 36 - Drive
 Drum -

N 89° 57' W on a true
 line bet. Secs - 26 + 35
 with same Va -

T. & N. R. 21 E

Obs.

40,29 Lita sand stone 14x10
 x 10 mis 9 mis in the
 ground for $\frac{1}{4}$ Sec Cor,
 marked $\frac{1}{4}$ on N face -
 Dig pits 18x18x12
 mis of E & W of stone
 5 $\frac{1}{2}$ ft. dia. & raised
 a mound of earth
 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base
 along side -

80,58 The Cor. to Secs. 26-27-
 34 & 35 -

Surface rolling
 Soil 30 rate
 Good grazing

North bet. Secs 26 & 27
 Va 1401' E

T. & N. R. 21 E

Obs-

- Over valley land -
- 40.00 Set a sand stone $14 \times 10 \times 4$ ins 9 ins in the ground for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on W face. Dug pits $18 \times 18 \times 12$ ins N + S of stone $5\frac{1}{2}$ ft. diam & raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside -
- 80.00 Set a sand stone $20 \times 12 \times 10$ ins 15 ins in the ground for Cor. to Secs - 22-23 - 26 + 27, marked with 2 notches on S + E edges - Dug pits $18 \times 18 \times 12$ ins

T. & N. R. 21 E

Obs -

in each see $5\frac{1}{2}$ ft.
 dist. I raised a mound
 of earth 2 ft. high $4\frac{1}{2}$
 ft. base along side
 surface rolling
 Soil & rate
 Good grazing

East on a random
 line bet. sees 23 + 26 -
 T. & N. 14011 E -

Over valley land -
 40,00 set a temporary $\frac{1}{4}$
 see cor.
 60,00 Drive valley bet -
 N + S + ascend
 80,68 Intersect N + S
 line 10 lbs S of cor

T 18 N. R 21 E

Chs -

to Secs 23-24-25+26

Thence down -

S 89° 56' W on a true
line bet. Secs 23+26 -
with same ba -

40,34

Set a sand stone 15x
10x7 ins 9 ins in the
ground for $\frac{1}{4}$ Sec Cor -
marked $\frac{1}{4}$ on N face
Dig pits 18x18x12
ins E + W of stone
5 $\frac{1}{2}$ ft. dist. & raised
a mound of earth
1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft -
base along side -

80,65

The Cor. to Secs -
22-23-26+27 -

Surface rolling
Soil 32 rate
Good grazing -

T. & N. R 21 E

Chs.

North bet. Secs - 22

§ 23 -

to 140 1' E

Over valley land -

40,00

Set a sand stone 24

$\times 12 \times 4$ ins 16 ins in
the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on W
face, Dig pits $18 \times 18 \times$
 12 ins N & S of stone
 $5\frac{1}{2}$ ft. disk, & raised
a mound of earth
 $1\frac{1}{2}$ ft. high $8\frac{1}{2}$ ft.
base alongside -

80,00

Set a sand stone

$16 \times 12 \times 8$ ins 11 ins in
the ground for Cor-
to Secs - $14 \times 15 - 22 \times$
 23 - marked with
3 notches on S + 2

T, & N, R 21E

Obs-

notches on Edges
 Dug pits 18 x 18 x 12
 ins for each Sec -
 5 1/2 ft. dist. & raised
 a mound of earth
 2 ft. high & 1/2 ft.
 base alongside
 surface following
 soil 30 rate
 Good grazing

East on a random
 line bet. Secs 14 & 23
 to 1401'E

Over flat surface -
 40,00 Set a temporary 1/4
 Sec Cor.
 54,00 Leave flat hrs-

S. & N. R. 21 E

Chs-

U + S & curved
gradually

80.34

Intersect U + S line
6 lbs N of Cor. to Secs-
13-14-23 + 24 - Thence

S run -

N 89° 05' W on a true
line bet. Secs 14 + 23 -
with same ba-

40.17

Set a sand stone
14 x 10 x 8 ms 9 ms in
the ground for $\frac{1}{4}$
Sec Cor. marked
 $\frac{1}{4}$ on N. face, Dig
pits 18 x 18 x 12 ms of
E + W of stone $5\frac{1}{2}$
ft. dist. & raised a
mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
alongside -

T. & N. R 21 E

Chs-

80.34 The Cor. to Secs - 14-15 -
22 & 23,Surface rolling
Soil 3^d rate
Good grazing

North bet. Secs -
14 & 15 -

T 140 1' E

40.00 Ascend gradually -
Set a sand stone 13
 $\times 10 \times 9$ ins & ins in
the ground for $\frac{1}{4}$
Sec Cor. marked
 $\frac{1}{4}$ on W. face, Dug
pits $18 \times 18 \times 12$ ins
N & S of stone $5\frac{1}{2}$
ft. dist. & raised a

T 1 + N. R 21 E

Obs -

- mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base along side -
- 57.00 Enter bad lands -
 on E + W.
- 68.00 Top of hill 50 ft.
 high base $\approx 70^\circ$ E +
 $\approx 70^\circ$ W + over
 rolling country
- 80.00 Set a sand trap
 $14 \times 14 \times 10$ in in
 in the ground for
 Co. to Dec 10-11-14
 + 15. marked with
 4 notches on S + 2
 notches on E edges -
 Dig pits $18 \times 18 \times 12$
 in in each Sec -
 $5\frac{1}{2}$ ft. deep. + raised
 a mound of earth

T 18 N. R 21 E

Obs-

2 ft. high $4\frac{1}{2}$ ft.
 base along side -
 Surface rolling
 Soil 3^d rate
 Good grazing

East on a random
 line bet. Secs 11 & 14
 to 1401' E

Over high rolling
 prairie

40.00 Hit a temporary $\frac{1}{4}$
 Sec Cor.

47.00 Enter flat hrs -
 N + S -

64.00 Leave flat.
 and ascend gradually

80.46 Intersect N + S

T 18 - N. R 21 E

Chs -

line & lks N of Cor
to Secs 11-12-13+14-

Thence S -

N 89° 57' W on a
true line bet. Secs 11+14
with same ba-

40,23 hit a sand stone

22 x 10 x 6 ins 16 ins

in the ground for

1/4 Sec Cor, marked

1/4 on N. face. Dug

pits 18 x 18 x 12 ins

E & W of stone 5 1/2

ft. dia. & raised a

mound of earth

1 1/2 ft. high 3 1/2 ft.

base along side

80,46

The Cor. lot Secs -

10-11-14+15-

T. 8 N. R. 2, E

Obs

Surface rolling
 Soil 3rd rate ✓
 Good grazing

North bet. Secs -
 10 + 11

T. 140 1' E

40,00 Over rolling prairie
 Set a sand stone
 12 x 10 x 8 ins 8 ins
 in the ground for
 1/4 Sec. Ch. marked
 1/4 on W. face, Dug
 pits 18 x 18 x 12 ins ✓
 N + S of stone 5 1/2
 ft. dist. & raised a
 mound of earth
 1 1/2 ft. high 3 1/2

518 N. R 21 E

Chs -

40,00

ft. base alongside
 Set a sand stone
 $20 \times 10 \times 8$ ins 15-ins
 in the ground for
 Cor. to Secs. 2-3-10411
 marked with 5
 notches on S &
 2 notches on E edges
 Dug pits $18 \times 18 \times 12$
 ins in each Sec
 $5\frac{1}{2}$ ft. diam. & raised
 a mound of earth
 2 ft. high $4\frac{1}{2}$ ft.
 base alongside
 Surface falling
 South @ rate
 Good grazing

T. & N. R 21 E

Chs

East on a random
line bet. Secs 2 & 11
T_a 1401' E-

Over high prairie -
40,00 Set a temporary $\frac{1}{4}$
Sec Cor.

80,18 Intersect N & S line
10 lbs N of Cor. to
Secs 1-2-11 & 12 - Thence
S run -

N 89° 56' W on a true
line bet. Secs 2 & 11
with same T_a

40,09 Set a sand stone
14 x 12 x 10 ins 8 ins
in the ground for
 $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on N. face, Dig
pits 18 x 18 x 12 ins

S 1 x N. R 21 E

Obs-

E + W of stone 5 1/2 ft. dia. I raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side

80.18

The Cor to Secs-

2-3-10+11

Surface rolling
Soil 3^d rate
Good grazing

North on a random line bet. Secs 2+3

Wa 1401' E

Over high prairie country

40.00

Set a temporary 1/4 Sec Cor.

S. 1 & N. R. 2, E

Chs

- 79.85 Intersect N. Bay of
Sp. 1.95 chs W of
Cor. to Secs 2-3-34 & 35
recently established
by me - Thence run
S $70^{\circ} 24'$ W on a true
line bet. Secs - 2 + 3
with same be-
- 39.85 Set a sand stone
10 x 10 x 8 ins 6 ins in
the ground for $\frac{1}{4}$
Sec Cor. marked
 $\frac{1}{4}$ on W. face Dug
pits 18 x 18 x 12 in
N + S of stone $5\frac{1}{2}$
ft. dist. & raised a
mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft-
base alongside

T. & N. R 21 E

Acs-

79.80 The Cor. to Secs. 2-3

-10 & 11

Surface rolling
Soil 3^d rate ✓

Good grazing

Dec 4-1882

From the Cor. to Secs.
3-4-33 & 34 on S. By of
Tp. recently established
by me Indian Route
bl. Secs 33 & 34

T. 1401' E.

Over low rolling
valley

40.00

Set a piece of petrified
wood 24 x 10 x 6 ins 46
ins in the ground
for 1/4 Sec Cor. marked

S. 18 N. R. 2, E.

Obs-

80,00

$\frac{1}{4}$ on W. face, Dug
 pits $18 \times 18 \times 12$ ins $\frac{1}{4}$ ft
 of stone $5\frac{1}{2}$ ft. dist.
 & raised a mound of
 earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
 ft. base along side -
 Set a sand stone 24
 $\times 12 \times 6$ ins 18 ins in
 the ground for Co. to
 see 27-28-33 & 34
 marked with 1 notch
 on S & 3 notches on
 E edges - Dug pits
 $18 \times 18 \times 12$ ins in each
 see $5\frac{1}{2}$ ft. dist. &
 raised a mound of
 earth 2 ft. high
 $4\frac{1}{2}$ ft. base along side

x

East on a random

 11
 10
 9
 8
 7
 6
 5
 4
 3
 2
 1

T. & N. R. 2, E

Obs -

line bet. Secs - 27 + 34 -
T. & N. 140' E.40,00 Over rolling valley.
Set a temporary $\frac{1}{4}$
Sec Cor.80,66 Intersect N + S line
10 lbs N of Cor. to Secs -
26 - 27 - 34 + 35 - Three
I run -At 89056' W on true
line bet. Secs 27 + 34
with same T. & N.40,33 Set a sand stone 14 x
12 x 4 ins & ins in the
ground for $\frac{1}{4}$ Sec Cor.
Marked $\frac{1}{4}$ on N face
Dig pits 18 x 18 x 12
ins E & W of stone
5 $\frac{1}{2}$ ft. dia. & raised
a mound of earth

S. & N. R. 2, 1, E

Obs-

1/2 ft. high 3 1/2 ft. base
along side -

8066 The Cor. to Secs -

27-28-33+34-

Surface rolling
Soil 3rd rate ✓

Good grazing

North bet. Secs 27+28
Ta 1401st E

Over low rolling
valley -

4000 Let a sand stone 36 x

12 x 3 ins. 24 ins in

the ground for 1/4
Sec. Cor. marked 1/4

on W. face, Dug pits
18 x 18 x 12 ins N & S -

D. & N. R 21 E

Obs -

of stone $5\frac{1}{2}$ ft. dist. raised
a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base alongside

80.00

Set a sand stone
 $20 \times 12 \times 8$ ins 15 ins
in the ground for
Cor. to Sec 21-22-
27 & 28 - marked with
2 notches on S & 3 notches
on E edges - Dig pits
 $18 \times 18 \times 12$ ins in each
Sec $5\frac{1}{2}$ ft. dist. &
raised a mound of
earth 2 ft. high $4\frac{1}{2}$
ft. base alongside
Surface rolling
Soil @ rate
Fair grazing

T. 18 N. R. 2, E

Obs-

East on a random
line bet. Secs 22 + 27
T_a 140, 1' E

Over rolling valley

40.00

Set a temporary
1/4 Sec Cor,

80.36

Intersect N + Shire
& lks S of Cor to Secs
22 - 23 - 26 + 27. Thence
S on

S 89° 05' - 7' W on a true
line bet. Secs 22 + 27
with same T_a

40.18

Set a sand stone 20
x 10 x 4 ins 15 ins in
the ground for
1/4 Sec Cor, marked
1/4 on N face, Dug
pits 18 x 18 x 12 ins

S. & N. R. & E

Obs -

E + W of stone $5\frac{1}{2}$ ft.
 dist. I raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side

80.36

The Cor. to Seed -

21-22-27 & 28,

surface rolling
 soil 3^d rate

Fair grazing

North bet. Sees -

21 & 22,

Ta 140 1'E

Over valley land -

40.00

Set a sand stone

12 x 10 x 8 ins & set in

the ground for $\frac{1}{4}$
 See Cor. marked $\frac{1}{4}$

T, & N, R 2, E

Obs-

on W. face, Dug
pits 18 x 18 x 12 ins -
N & S of stone, 5 1/2
ft. diam. & raised
a mound of earth
1 1/2 ft. high, 3 1/2 ft.
base along side.

60,000 To save valley by
N. E & S. W & ascend
gradually -

80,000 Set a sand stone
24 x 14 x 4 ins 16 ins
in the ground for
Coo. to Sps 15-16 -
21 & 22 - marked
with 3 notches
on S & E edges -
Dug pits 18 x 18 x 12
ins in each Sec

S 18 N, R 21 E

Chs -

5 1/2 ft. diam. & raised
a mound of earth
2 ft. high & 1/2 ft.
base along side -
surface rolling
South @ rate
Good grazing

East on a random
line bet. Secs 15 & 22
T₄ 14° 1' E -

Descend gradually
40,000 Set a tripotary 1/4
Sec Cor.

60,000 Enter flats bet N & S

80,180 Intersect N & S line

101 pp S of Cor. to
Secs 14-15-22 & 23

T 18 N. R 21 E

Obs-

Thence Down
 S 89° 56' W on a
 true line bet. Secs-
 15-17-22 with same
 bearing

40,09

Set a sand stone
 20 x 10 x 8 ins 15 ins
 in the ground for
 1/4 Sec Cor. marked
 1/4 on N. face, Dug
 pits 18 x 18 x 12 ins -
 E + W of stone 5 1/2
 ft. dist. & raised a
 mound of earth
 1 1/2 ft. high 3 1/2 ft.
 base along side

80,18

The Cor. bet Secs-
 15-16-21 & 22
 Surface rolling

T. 18 N. R. 2, E

Chs -

Soil 3rd rate
 Good grazing

North bet. Secs -
 15-7-16

to 1401' E.

10,000 Ascend gradually -
 Top of hill bet
 N. E & S. W and over
 high prairie

40,000 Set a sand stone
 14 x 10 x 4 ins & ins
 in the ground for
 1/4 sec Chs, marked
 1/4 on W. face Dig
 pits 18 x 18 x 12 ins N & S
 of stone 5 1/2 ft. dist.
 & raised a mound of

T. & N. R. 2 + E

Obs-

80,00

earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side
 Sit a sand trap
 $20 \times 10 \times 4$ ins 15 ins
 in the ground for
 Cor. to lines 9-10-15-
 + 16 marked with
 4 notches on S + 3
 notches on E edges -
 Dig pits $18 \times 18 \times$
 12 ins in each see
 $5\frac{1}{2}$ ft. dist. & raised
 a mound of earth
 2 ft. high $4\frac{1}{2}$ ft.
 base along side -
 Surface rolling
 Soil 30 rate
 Good grazing

S. & N. R 21 E

Chs-

East on a random
line bet. Secs 10 & 15
T_a 1401' E.

Over high rolling
prairie

40,00

Set a temporary 1/4 Sec Cor.

80.70

Intersect N & S line
9 lbs S of Cor. to Secs
10-11-14 & 15. Thence
S run -

S 89° 56' W on a true
line bet. Secs 10 & 15 with
same T_a -

40.35

Set a sand stone
13 x 10 x 8 ins & ins
in the ground for
1/4 Sec Cor. marked
1/4 on N. face Dry
pits 18 x 18 x 12 ins

T. & N. R. 2, 1 E

Obs-

E + W of stone $5\frac{1}{2}$
ft. dist. I raised a
mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base along side -

80,70

The Cor. to Secs -
9-10-15+16 -

Surface rolling
soil 30 rate
Good gray mig

North bet. Secs

9+10 -

to 1401'E.

Over high rolling
prairie

40,00

Set a sand stone
 $20 \times 10 \times 3$ ins 14 ins

S. & N. R. 2, E

Chs -

in the ground for
 $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on W. face. Dug
 pits $18 \times 18 \times 12$ ins
 N & S of stone $5\frac{1}{2}$
 ft. dist. & raised a
 mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base along side

80.00 Set a sand stone
 $17 \times 10 \times 3$ ins 12 ins
 in the ground for
 Cor. to Secs 3-4-9 & 10
 marked with 5 notches
 on S & 3 notches on
 E edges. Dug pits
 $18 \times 18 \times 12$ ins for each
 Sec $5\frac{1}{2}$ ft. dist.
 & raised a mound -

T 18 N. R 21 E

Obs.

of rather 2 ft. high
 4 1/2 ft. base alongside
 surface rolling
 Soil 3rd rate
 Good grazing

East on a random
 line bet. Secs 3 & 10

to 140 1' E

Over rolling prairie
 40.00 Set a temporary 1/4
 Sec Cor.

40.44 Intersect N + S line
 1/4 lbs N of Cor. to
 Secs 2-3-10 & 11-

Thence I run
 N 89° 05-8' W on a
 true line bet.
 Secs 3 & 10 with

5-18 N. R 21 E

Obs-

same Va-

40,22

hit a sand stone
 $14 \times 10 \times 7$ ins of ins
 in the ground for
 $\frac{1}{4}$ sec. Ch. marked
 $\frac{1}{4}$ on N. face. Dig
 pits $10 \times 10 \times 12$ ins
 E + W of stone $5\frac{1}{2}$
 ft. dist. raised a
 mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 along side -

80,44

The Cos. to Secs-
 $3-4-9 \times 10-$

Surface rolling
 Soil @ rate
 Good grazing

D. & C. R 2, E

Chs-

Start on a random
line bet. Secs 3 & 4

ba 1401'E

40.00 Over high rolling prairie
set temporary $\frac{1}{4}$ Sec Cor

79.40 Intersect N. By of Sp.
2, 30 chs W of Cor. to
Secs - 3-4-33 & 34 - recently
established by me - Hence
I run -

S 10° 39' W on a true
line bet. Secs 3 & 4 -
with same ba -

39.40 Set a sand stone
16 x 10 x 7 in 11
in the ground
for $\frac{1}{4}$ Sec Cor -
marked $\frac{1}{4}$ on W
face. Dig pits 10 x

518 N. R 212

Chs-

18 x 12 ins N + S of
stone 5 1/2 ft. dist
and raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base alongside

79.40 The Cor. to Secs 3-
4-9 + 10

Surface rolling

Soil 3 @ rate

Good grazing -

I carefully examined
the adjustments of my
Solar Compass to day
particularly the latitude
and reversing apparatus
and found them
correct -

Dec 15th 1882

S. & N. R 21 E

Obs-

From the box to bees
4-5-32+33 on S Bay
of Sp - recently reestablished
by me - I run North
bet. bees 32+33.

Va 14° 1' E.

40.00

Set a hive stone 36
x 6 x 6 ins 24 ins in the
ground for $\frac{1}{4}$ bee coo-
marked $\frac{1}{4}$ in W. face.
Dug pits 18 x 18 x 12
ins N & S of stone
 $5\frac{1}{2}$ ft. dist. & raised
a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base along side

42.00

Point of low spur
bes E & W.

80.00

Set a sand stone
20 x 12 x 10 ins 15 ins

T 18 N. R 21 E

Obs-

in the ground for
 Cor. to Spec. 28-29
 32 & 33 - marked
 with 1 notch and
 4 notches on E
 edges, Dug pits 18x18
 x 12 ins in each Sec
 5 1/2 ft. dist. I raised
 a mound of earth
 2 ft. high 4 1/2 ft.
 base along side
 surface rolling
 Soil 3 2 rats
 Good grazing

East on a random
 line bet. Secs 28 & 33

Ta 1401 E

T. & N. R 21 E

Obs -

40.00 Over high prairie land
Set a temporary $\frac{1}{4}$
See Cor,

40.78 Intersect N + S line
12 lbs N of Cor. to
Secs - 27-28-33 + 34
Thence S -

N 89° 55' W on a true
line bet. Secs 28 + 33
with same Va -

40.39 Set a sand stone 17
 $\times 10 \times 4$ ins 12 ins in
the ground for $\frac{1}{4}$
See Cor. marked $\frac{1}{4}$
on N face Dig
pits $14 \times 18 \times 12$ ins
E + W of stone $5\frac{1}{2}$
ft. dist. & raised a
mound of earth

T. & N. R. 21 E

Obs.

1 1/2 ft. high 3 1/2 ft.
base alongside

80.78 The Cor. to Secs - 28
- 29 - 32 & 33.

Surface rolling
Soil 3d rate
Good grazing

North bk. Secs 28 & 29
T. & N. R. 21 E

Over prairie land -
with gradual descent

40.00 Set sand stone 14 x
10 x 8 ins 9 ins in the
ground for 1/4 Sec Cor.
marked 1/4 on W face
Dug pits 18 x 18 x 12
ins ~~W~~ & S of stone
5 1/2 ft. dia. & raised

T. & N. R. 2. E

Obs.

a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base alongside -

7,000 ascend bluff by E & W
 Top of bluff - 55 ft. high
 and descend -

80,000 Set a sand stone
 $24 \times 12 \times 3$ ins 16 ins
 in the ground for
 Co. to Dec. 20-21-28
 & 29 marked with 2
 notches on S & 4
 notches on E edges.
 Dig pits $18 \times 18 \times 12$
 ins in each Dec
 $5\frac{1}{2}$ ft. dia. & raised
 a mound of earth
 2 ft. high $4\frac{1}{2}$ ft.
 base alongside

518 N. R 21 E

Obs -

Surface rolling
Soil 3rd rate ✓
Good grazing

East on a random
line bet. Secs 21 + 28
T_a 1401' E

- 25.00 Over high prairie land -
Beaver prairie land
bet N + S & descend -
- 40.00 Set a temporary 1/4 Sec Cor.
- 80.52 Intersect N + S line
13 lbs N of Cor. to Secs -
21 - 22 - 27 + 28 Thence run
N 89° 54' W on a true
line bet. Secs. 21 + 28
with same T_a -
- 40.26 Set a sand stone
12 x 10 x 6 ins 8 ins in the

T. & N. R 21E

Obs-

ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ on N. face -
 Dug pits 18 x 18 x 12
 in E + W of stone
 $5\frac{1}{2}$ ft. dist. & raised
 a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base along side

80.5-2 The Cor. to Secs 20-21

- 28 + 29

Surface rolling
 Soil 3 @ rate

Fair grazing

North bet. Secs -

20 + 21

T. & N. R 21E

Over high prairie land

T. & A. R 21 E

Chs-

- 25.00 Top of spur 60 ft. high
has N, W + S E + descend -
- 40.00 Set a sand stone 20 x 10
x 4 ins 15 ins in the
ground for $\frac{1}{4}$ Sec Cor-
marked $\frac{1}{4}$ on W face
Dig pits 18 x 18 x 12 ins
N + S of stone 5 $\frac{1}{2}$ ft.
diam. & raised a mound
of earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base along side
- 80.00 Set a sand stone 18 x 10
x 8 ins 12 ins in the
ground for Cor. to Secs-
16-17-20+21. marked
with 3 notches on S
& 4 notches on E edges.
Dig pits 18 x 18 x 12 ins
in each Sec 5 $\frac{1}{2}$ ft.

T. & N. R. 2, E

Obs -

disk. & raised a mound
 of earth 2 ft. high $4\frac{1}{2}$
 ft. base a long side -
 surface rolling
 Soil 3^d rate
 Good grazing

East on a random
 line bet. Secs 16 & 21 -

Over rolling prairie
 $\approx 14^{\circ} 1' E$

40.00

Set a temporary $\frac{1}{4}$ sec cor.

80.45

Intersect N & S line

9 lbs N of cor to Secs -

15-16-21 & 22. Thereafter

N $89^{\circ} 56' W$ on a true
 line bet. Secs 16 & 21 with
 same \approx

40.24

Set a sand stone.

T. & N. R 21 E

Chs-

14 x 12 x 10 rods & rods in
 the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on the
 face. Dug pits 18 x 18 x 12
 rods E & W of stone $5\frac{1}{2}$
 ft. dist. & raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside
 80.48 The Cor. to Sec 7

16-17-20 & 21-

Surface rolling
 Soil 32 rate
 Good grazing

North bet. Secs 16 & 17
 Va 1401' E

Over high prairie land
 set a sand stone

40.00

S, & N, R 2, E

Obs -

13 x 10 x 10 ins 8 ins
in the ground for
1/4 Sec Cor. marked 1/4
on W. face. Dug pits
18 x 18 x 12 ins N & S of
stone 5 1/2 ft. dist.
& raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base alongside
75.00 Brave high prairie
bes N E & S. W & descend
gradually -

80.00 Set a sand stone
13 x 10 x 8 ins 5 ins
in the ground for
Cor. to Secs 8-9-16 & 17
marked with 4
notches on S & E
edges. Dug pits

T 1 & N. R 2, E

Obs -

18 x 18 x 12 ins in each
 Sec 5 1/2 ft. dist - and
 raised a mound of
 earth 2 ft. high 4 1/2
 ft. base along side
 surface following
 Soil 3^d rate
 Good grazing

East on a random
 line bet. Secs 9 + 16 -
 T 140 1' E

Ascend gradually -
 Top of hill bet N + S
 & over high prairie

3,25-

40,00

80,62

Set a temporary 1/4 Sec Cor.
 Intersect N + S line
 8 lbs N of Cor. to Secs -

T. & A. R. 2, E

Obs -

9-10-15 & 16 - Three In
 A 89057' W on a true
 line bet. sees 9 & 16
 with same Va -

40,31

Set a sand stone
 12 x 10 x 10 ins 8 ins
 in the ground for
 1/4 see Cor. marks
 1/4 on N. face. Dug
 pits 18 x 18 x 12 ins
 E & W of stone 5 1/2
 ft. dist. & raised a
 mound of earth
 1 1/2 ft. high 3 1/2
 ft. base along side

80,62

The Cor. to sees 8-9-16 & 17
 surface rolling
 Soil 3rd rate
 Good grazing

T 18 N. R 21 E

Obs-

North bek. Secs 8 & 9
T 1401' E

Descend gradually -
40.00 Set a sand stone 8 x
12 x 10 ins 12 ins in the
ground for $\frac{1}{4}$ Sec Cor-
marked $\frac{1}{4}$ on W. face -
Dig pits 18 x 18 x 12 ins
N & S of stone 5- $\frac{1}{2}$ ft.
diam. & raised a mound
of earth 1- $\frac{1}{2}$ ft. high 3- $\frac{1}{2}$
ft. base along side
75.00 Foot of hill bks E & W
& over prairie -

80.00 Set a sand stone 16 x
12 x 10 ins 10 ins in the
ground for Cor. to Secs
8-5-8 & 9 marked
with 3 notches on S &

T. & N. R 2. E

Obs -

4 notches on E edges.
 Dug pits $18 \times 18 \times 12$
 ins for each see $5\frac{1}{2}$
 ft. dist. & raised a
 mound of earth
 $2\frac{1}{2}$ ft high $4\frac{1}{2}$ ft. base
 alongside.

Subs. rolling
 soil 32 ft
 Good grazing

East on a random
 line bet. Secs 4 & 9
 T. 140.1. E

Over high rolling
 prairie -
 Set a temporary $\frac{1}{4}$
 Sec Cor.

40.00

S. 18 N. R. 2. E

Obs.

80.70 Intersect N + S line
 4 lbs N. of Cor. to Secs-
 3-4-9 + 10 - Thence Iron.
 At 89° 5-8' W on a true
 line bet. Secs. 4 + 9 with
 same Va. -

40.35 - Set a sand stone
 12 x 12 x 7 ins & ins in
 the ground for $\frac{1}{4}$
 Sec Cor. marked $\frac{1}{4}$ on
 N. face, Dug pits 18
 x 18 x 12 ins E + W of
 stone 5 $\frac{1}{2}$ ft. dist.
 & raised a mound of
 earth $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$
 ft. base alongside.

80.70 The Cor. to Secs -
 4 - 5 - 8 + 9,
 Surface rolling

T. & C. R. 2, 1, E

Chs-

Soil 3rd rate

Good grazing

North on a random
line bet. Secs 4 & 5-

to 1401' E

10.00 Over high prairie -
Lowland prairie bet.
E & W & descend -40.00 Set a temporary $\frac{1}{4}$
Sec Cor.79.20 Intersect N. By of
Sp 3.62 chs. W of
Cor. to Secs 4-5-3 2 & 3-3
recently established
by me - Thence Run
S 29° 36' W on a true line
bet. Secs - 4 & 5 with

J. & N. R. 2. E

Chs-

same to

39.20

Set a sand stone
12 x 10 x 8 ms & ms in
the ground for $\frac{1}{4}$ Sec
Coo. Marked $\frac{1}{4}$ on W
face. Dig pits 18 x 18
& 12 ms W & S of stone
5 $\frac{1}{2}$ ft. dist. & raised
a mound of earth
1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft-
base along side -

79.20

The Coo. to Secs -
4-5-8 & 9.

Surface rolling
Soil 3^d rate

Good grazing

Dec 15-1882

T. & A. R. 21 E

Obs-

From the box to
 Secs. 5-6-31 & 32 on
 S. By of Sp. recently
 re-established by met.
 Survey North of Secs.
 31 & 32

Va 1401' E

Ascend-

7.00

Top of hill 40 ft.
 high has E & W

& other high prairie land

40.00

Set a sand stone 13 x 10
 x 8 ins & ins in the
 ground for $\frac{1}{4}$ Sec Cor-
 firmed $\frac{1}{4}$ on W face
 Ding pits 18 x 18 x 12
 ins $\frac{1}{4}$ & S of stone
 5 $\frac{1}{2}$ ft. disk & raised
 around of earth

D, & N, R, E

Obs -

$1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
alongside -

80,00

Set a sand stone

$18 \times 8 \times 7$ ins 12 ins in

the ground for Cor-

to Shes 29-30-31-32

marked with 1 notch

on D & 5 notches on E

edges - Dig pits $18 \times$

18×12 ins if each be-

$5\frac{1}{2}$ ft. dia. I raised a

mound of earth 2 ft.

high $4\frac{1}{2}$ ft. base

alongside

Surface rolling

Soil 3^d rate

Good grazing

T 18 N. R 21 E

Chs-

East on a random
line bet. Secs 29 + 32
Va 1401' E -

Over high prairie -

40,00 Set a temporary $\frac{1}{4}$ Sec Cor.

40,60 Intersect N + S line
9 lbs S of Cor. to Secs -
28 - 29 - 32 + 33. Thence
S -

S + 9056' W on a true
line bet. Secs 29 + 32
with same Va -

40,30 Set a sand stone 14

$\times 12 \times 8$ ms 9 ms in

the ground for $\frac{1}{4}$

Sec Cor. marked $\frac{1}{4}$

on N. face Dug

pits 18 \times 18 \times 12 ifs

E + W of stone 5 $\frac{1}{2}$

T. & N. R 21 E

Chs-

fb. dist. & raised a
 mound of earth
 1/2 fb. high 3 1/2 fb. base
 along side e

80.60

The Cr. to Secs - 29-30-31

+ 32 -

Surface rolling
 Soil 3rd rate
 Good grazing

West on a random
 line bet. Secs 30 & 31

Ta 1401' E -

Over high prairie

40.00

Set a temporary 1/4 Sec Cor-

80.43

Intersect W. By of
 Sp. 8 lbs. S of foot-
 to Secs - 25 - - 30 - 31 + 36

Stock, R 21 E

Chs-

recently established
by me T. H. Green
S of 9057' E on a true
line bet. Secs 30 & 31
with same Va-

40.43

Set a sand stone
12 x 10 x 8 ins & ins
in the ground for
1/4 Sec 30, marked
1/4 on N. face. Dug
pits 18 x 18 x 12 in
E & W of stone 5 1/2
ft. dia. & raised a
mound of earth
1 1/2 ft. high 3 1/2 ft.
base along side

80.43

The Cor. to Secs - 29-30-31 & 32

Surface rolling
soil 32 rated

Good grazing

T 18 N. R 21 E

Obs-

North bek. Secs 29 & 30
T 140 1' E

Over high table land -
40.00 Set a sand stone 14 x

10 x 6 ins 9 ins in the
ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ on W. face.

Dug pits 18 x 18 x 12 ins
N + S of stone 5 $\frac{1}{2}$ ft. dia.

I raised a mound of
earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base alongside

80.00 Set a sand stone
20 x 8 x 6 ins 15 ins in

the ground for Cor. to
Secs 19 - 20 - 29 & 30 -
marked with 2

notches on S + 5 notches
on E edges - Dug pits

T 18 N, R 21 E

Obs-

18 x 18 x 12 ins in
 each Sec 5 1/2 ft.
 dist. I raised a mound
 of earth 2 ft. high
 4 1/2 ft. base alongside
 surface rolling
 Soil 3^d rate
 Good grazing

East on a random
 line bet. Secs 20 & 29
 T 140 1' E

Over high prairie land
 40,000 Set a temporary 1/4
 Sec Cor.

60,000 Top of spur 5-5 ft.
 high bet N & S + descend
 gradually

D. 18 St. R 21 E

Obs -

- 80,46 Intersect N & S line
8 lbs N. of Cor. to
Secs - 20 - 21 - 28 & 29 -
Thence S run -
N 89° 57' W on a true
line bet. Secs 20 & 29
with same ba -
- 40,23 Set a sand stone
14 x 12 x 8 ins & ins in
the ground for $\frac{1}{4}$
Sec Cor. marked $\frac{1}{4}$
on N. face, Long pits
18 x 18 x 12 ins E of W
of stone $5\frac{1}{2}$ ft. dist.
& raised a mound of
earth $1\frac{1}{2}$ ft. high, $5\frac{1}{2}$
ft. base along side -
- 80,46 The Cor. to Secs -
19 - 20 - 29 & 30

Dist. R 21E.

Chs-

Surface rolling
soil 30 rate
Good grazing

West on a random
line bet. Secs 19 + 30
T₁₄ 01'E.

Over high prairie land.
40.00 Set a temporary 1/4
Sec Cor.

80.5-5- Intersect W. By
of Sp- 12 lbs N of Cor-
to Secs- 19-24-25 + 30
recently established
by me. Thence Run
N 89° 55' E on a true
line bet. Secs 19 + 30
with same T₁₄-

T. & N. R. 21 E

Obs-

40,55- Set a sand stone $14 \times 10 \times 6$ ins 9 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on N face. One pits $18 \times 18 \times 12$ ins E & W of stone $5\frac{1}{2}$ ft. dist. & raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side -

89,55- The Cor. to Secs 19-20-29 & 30-

Surface rolling -
Soil 3rd rate
Good grazing

North bet. Secs 19 & 20
T. & N. R. 21 E

T. & N. R. 21 E

Obs-

40.00

Over high prairie -
 Set a sand stone
 $18 \times 10 \times 4$ ins 12 ins in
 the ground for $\frac{1}{4}$ sec
 Cor. marked $\frac{1}{4}$ on
 W. face Dug pits
 $18 \times 18 \times 12$ ins N + S
 of stone $5\frac{1}{2}$ ft. dist-
 & raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside

80.00

Set a sand stone
 $18 \times 10 \times 4$ ins 12 ins
 in the ground for
 Cor. to Seps-17-18-19+20
 marked with 3
 notches on S + 5
 notches on Edges -
 Dug pits $18 \times 18 \times 12$

T, 8 N. R 21 E

Obs-

in each Sec $5\frac{1}{2}$
 ft. dist. I raised a mound
 of earth 2 ft. high $4\frac{1}{2}$
 ft. base along side
 surface rolling
 soil 3^d rate
 Good grazing

East on a random
 line bet. Secs 17 + 20
 Va 1401' E

Over high prairie land
 40.00 Set a temporary $\frac{1}{4}$ Sec Cor.
 80.28 Intersect N + S line
 8 lbs N of Cor. to Secs:
 16-17-20 + 21 Thence I
 run
 N 89° 57' W on a true

S. & N. R 21 E

Obs-

line bet. Secs 17 + 20
with same Va -

40.14

Set a sand stone 14
 $\times 10 \times 10$ ins 9 ins in
the ground for $\frac{1}{4}$
See Cor. marked $\frac{1}{4}$
on N. face. Dug
pits $18 \times 18 \times 12$ ins
E + W of stone $5\frac{1}{2}$
ft. dist. I raised a
mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base along side

80.28

The Cor. to Secs - 17-18

-19 + 20-

Surface rolling
Soil 32 rate
Good grazing

D. Oct, R. 2, E.

Obs -

Went on a random
line bet. Secs 18 + 19
to 140' E -

18.00 To leave high prairie
bet. Secs 18 + 19 -
& descend gradually

40.00 Set a temporary $\frac{1}{4}$ Sec Corner

80.43 Intersect W. By of
Sp. - 10 lbs N of corner
to Secs - 13 - 18 - 19 + 24
recently established by
me - Thence run
N 89° 56' E on a true
line bet. Secs - 18 + 19
with same to -

40.43 Set a sand stone 14
x 12 x 8 ins 9 ins in
the ground for $\frac{1}{4}$
Sec Cor., marked $\frac{1}{4}$
on N. face - Dug

S. & N. R. 2, E.

Chs-

pits 18 x 18 x 12 ins
 E & W of stone 5-1/2
 ft. dist. & raised a
 mound of earth
 1/2 ft. high 3 1/2 ft.
 base along side -

80.43 The Cor. to Spec. - 17-18-
 19 & 20

Surface rolling
 Soil @ rate V
 Good grazing
 V V

North bet. Secs -
 17 + 18 ..

to 1401' E -

23.00 Over high prairie
 Grave prairie land
 has E & W & descend -

S 18 N. R 2. E

Obs -

- 40,000 Set a sand stone
 $13 \times 10 \times 8$ ins 8 ins in
 the ground for $\frac{1}{4}$
 Sec Cor. marked $\frac{1}{4}$ on
 W. face. Dig pits
 $15 \times 18 \times 12$ ins N & S
 of stone $5\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side -
- 80,000 Set a sand stone
 $14 \times 12 \times 10$ ins 9 ins
 in the ground for
 Cor. to Sec. - 7 & 17 & 18
 marked with 4 notches
 on S & S notches on E
 edges. Dig pits
 $18 \times 18 \times 12$ ins in each
 Sec $5\frac{1}{2}$ ft. dist -

T. & N. R 21 E

Obs-

and raised a mound
of earth 2 ft. high
4 1/2 ft. base along side -
Surface rolling
Soil 3^d rate
Good grazing

East on a random
line bet. Secs 8 & 17
T. 1401' E

Ascend gradually -
40.00 Sit a temporary 7/8
See Cor.

80.5-8 Intersect N & S -
line 13 lbs N of 800 -
to Secs - 8-9-16 & 17 -
Thence I run -
N 89° 5.4' W on a true

T 18 N, R 21 E

Chs

line bet. Secs 8+17 -
with same Va -

40,29 Set a sand stone
13 x 10 x 10 ins 8 ins
in the ground for
 $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on N. face Dig
pits 18 x 18 x 12 inf
E & W of stone 5 $\frac{1}{2}$
ft. dist. & raised a
mound of earth
 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
base alongside

80,58 The Cor. to Secs -

7-8-17+18-

Surface rolling
soil 30 rate

Good grazing

T. & N. R 21 E

Obs

Went on a random
line bet. Secs 7 & 18
T₁₄₀ 140 1¹/₂ E.

Descend gradually -

40,00 Sit a temporary $\frac{1}{4}$ Sec Cor-

80,35 Intersect W. By of

Sp. 11 lbs S of Co. (H)

Secs 7-12-13 & 18 -

recently established

by me. Thence True

S 89° 55' E on a true

line bet. Secs 7 & 18 -

with same T₁₄₀ -

40,35 Sit a sand stone

17 x 8 x 8 ins 12 ins

in the ground for $\frac{1}{4}$

Sec Cor, marked $\frac{1}{4}$

on N. face. Dig

pits 18 x 18 x 12 ins

S 18 N, R 21 E

Chs-

E + W of ston 5 1/2
ft. dist. & raised a
mound of earth
1/2 ft. high 3 1/2 ft.
base all around

80.35 The Cor. to Secs-

7-8-17+18

Surface rolling
soil 3^d rate
Good grazing

North bet. Secs 7+8
to 1401' E.

40.00 Descend gradually -
hit a sand ston 14x10
x 7 ins 9 ins in the
ground for 1/4 Sec Cor-
marked 1/4 on W face

D 18 N. R 21 E

Obs-

Dug pits 18 x 18 x 12 ins
 N + S of stone 5 1/2 ft.
 dist. & raised a mound
 of earth 1 1/2 ft. high
 3 1/2 ft. base along side -

80.00

Set a sand stone
 20 x 10 x 5 ins 15 ins
 in the ground for
 Cor. to lines 5-6-7+8 -
 marked with 5
 notches on S + E
 edges - Dug pits 18
 x 18 x 12 ins in each
 See 5 1/2 ft. dist.
 & raised a mound
 of earth 2 ft. high
 4 1/2 ft. base along side
 Surface rolling
 Soil 3^d rate
 Good grazing

T. & N. R. 2. E

lbs -

East on a random
line bet. Secs 5 & 8
T_a 1401' E.

Ascend gradually -
40.00 Set a temporary $\frac{1}{4}$ Sec
Cor -

63.00 Top of hill 50 ft.
above cor. bet N. E
& S. W -

80.38 Intersect N & S
line 15 lbs N. of cor.
to Secs - 4 - 5 - 8 & 9.

Thence I run -
At 89° 54' W on a
true line bet. Secs -
5 & 8 with same T_a

40.19 Set a sand stone
12 x 10 x 4 ins & ins
in the ground for

T. 8 N. R. 21 E

Chs-

$\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on N. face. Dug pits
 18 x 18 x 12 ins E & W
 of stone $5\frac{1}{2}$ ft. dist.
 W raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside
 80,38 The Cor. to Secs-5-6-7-8-
 Surface rolling
 Soil 3^d rate
 Good grazing

West one random
 line bet. Secs 6 & 7 -
 to 1401' E -

40,00 Descend gradually
 Set a temporary $\frac{1}{4}$
 Sec Cor.

T 18 N. R 21 E

Obs

- 50.00 Enter low rolling sandhills br N. + S. ↓
- 80.28 Intersect W. Bay of Sp - 14 lbs N of Cor to Secs - 1-6-7+12 - recently established by me. Thence Iron - N 89° 54' W ^E on a true line bet. Secs 6 & 7 with same Va -
- 40.28 Set a sand stone 14 × 10 × 8 ins 9 ins in the ground for $\frac{1}{4}$ See Obs. marked $\frac{1}{4}$ on N. face Dig pits 18 × 18 × 12 ins E & W of stone $5\frac{1}{2}$ ft. dist. I raised a mound of earth

S. 18 N. R. 21 E.

Chs-

1 1/2 ft. high 3 1/2 ft.
base along side -
80.28 The Cor. to Secs -
5-6-7+8-

Surface rolling
Soil 3^d rate
Good grazing

North on a random
line bet. Secs. 5+6 -
to 1401' E -

Descend gradually -
27.00 Enter flat bet N E
& S. W. about 60 ft -
below Sec Cor

40.00 Set a temporary
1/4 Sec Cor -

79.30 Intersect N. By -

S. & N. R. 21 E

chs -

of Sp. 4. 60 chs W of
Cor. to Secs 5-6-31+32
recently established
by me - Thence S
S 8° 18' W on a true line
bet. Secs. 5+6 with
same Va -

39.30

Set a sand stone
13 x 10 x 8 ins & ins
in the ground for
1/4 Sec Cor. marked
1/4 on W. face. Dug
pits 18 x 18 x 12 ins
N + S of stone 5 1/2 ft.
dist. I raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base alongside

79.30

The Cor. to Secs -
5-6-7+8 -

T. & N. R. 21 E

Obs-

Surface rolling
Soil 32 rate, sandy-
Good grazing -
I carefully examined
the adjustments of my
Solar Compass to-day
particularly the latitude
and reversing apparatus
and found them correct
Dec 16th 1882.

General Description -

The surface of this township is generally high rolling prairie - Soil is sandy and may be classed as 3^d rate - except in the South Eastern part of the township in the valley of the Rio Puerco river - where the soil is first and second rate -

Good grazing is to be found through the whole township

The Rio Puerco river crosses the South Eastern corner of the township - along which

the A & P. Ry & the
Western Union Telegraph
line - run - and also
a wagon road -

There is a ranch
in the North Eastern
1/4 of Sec 21 with
but little improvement -

I in retracing the
S. Ry of this Sp. T. O
found traces of all
the corners & some
in good condition but
found an excess of
from 60 to 100 lbs - on
each mile - which
makes a bad looking
subdivision.

For Final Oaths see
Book - XVIII.

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

April 23, 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Townships 18 North Range
21 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by

Henry Meyrick, Jr.

Deputy Surveyor, under his contract of the

24th

day of

July

, 1882, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

are hereby approved.

J. M. Robinson
Surveyor General.